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CENTRAL INTELLIGENCE AGENCY

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SOURCE

Newspapers as indicated.

EAST BERLIN GETS IRON LUNG;MICROENDOSCOPE, BLOOD-BANK EQUIPMENT DEVELOPED

DEVELOP NEW IRON LUNG AT LEIPZIG PLANT -- Berlin, Taegliche Rundschau, 29 Mar 51

East Berlin's first iron lung was installed on 28 March 1951 at the Municipal Hospital in Buch.

The apparatus is used in the treatment of infantile paralysis, postdiphtheria paralysis, gas poisoning, alcoholic intoxication, poisoning from soporifics, and for administering artificial respiration to victims of drowning.

The up-to-date iron lung was developed by a work collective of the Zimmermann plant in Leipzig. The group was composed of Dr Tietze (fnu), chief surgeon, and Engineers Zimmermann and Buettner (fnu).

OPTICAL WORKS DEVELOPS NEW-TYPE MICROENDOSCOPE -- Berlin, Taegliche Rundschau, 29 Mar 51

The Babelsberg Optical Works have developed a new type of capillary microendoscope, i.e., a miniature instrument for reflecting the most minute blood capillaries. The idea for the new apparatus is credited to Dr Siemko (fnu), chief surgeon of the department for internal diseases at the Municipal Hospital in Buch, who tried to bridge the gap between classic endoscopy (which functions without magnification) and microscopy.

The microendoscope was developed by a collective headed by Engineer Hans Becker of the Babelsberg Optical Works. Engineer Piontek (fnu) was the group's technical adviser, and plant manager Leo (fnu) and Engineer Schauer (fnu) of the VVB Metall (Association of People-Owned Metallurgical Plants) rendered valuable assistance.

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NEW EQUIPMENT FOR BLOOD BANKS -- Berlin, Nachrichten fuer Aussenhandel,  
21 Feb 51

The Women's Clinic of the University of Leipzig, in cooperation with the people-owned Vaccine Laboratory and the Zeiss-Schott Plant, has developed new equipment to extract and preserve blood. The device, which is based on the latest research findings in blood preservation, will enable blood banks to supply hospitals, clinics, and doctors from a central laboratory.

To solve the intricate filter problem, a special glass filter has been devised.

OPEN CHILDREN'S CLINIC -- Berlin, Taegliche Rundschau, 8 Jun 51

The new University Polyclinic for Children, the most modern children's hospital in the German Democratic Republic, has been opened in Leipzig.

The clinic has special departments for child surgery, orthopedics, ear, nose, and throat diseases, and dentistry.

The government of the German Democratic Republic has allotted half a million Deutsche marks for expansion of the present setup.

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